Table 1 - RbR Change Table: This table identifies modifications to existing EOC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database. RBR id CCR text req catego segm req_typ s ve s verif s a veri a verif interpretation text clarification text req_ rif_ key ry ent e tat f_met stat meth hod od EOC-2270#B 3673 FOS The EOC shall accept an mission functio dem demo An activity must exist in Instrument resource profiles, ununverified the mission schedule to critical nal verified instrument resource activity lists, & deviation lists are profile or instrument reserve resources that equivalent to activities. Mode resource deviation list originate from within an transitions in activity definitions ICC resource profile: (when a resource profile define resource usage. exists for the instrument) B: Enhanced Preliminary resource schedules from each ICC. functionality provided. and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments. EOC-2272#B 3674 FOS functio For the instruments that An activity must exist in Instrument resource profiles, mission test untest uncritical nal verified have resource deviations the mission schedule to activity lists, & deviation lists are verified lists, the EOC shall build reserve resources that equivalent to activities. Mode orginate from within a instrument resource transitions in activity definitions profiles by combining the resource deviation list. -; define resource usage. resource deviation lists B: Enhanced Preliminary resource schedules with the respective functionality provided. and activity schedules are baseline resource profiles. equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments. Instrument resource profiles, EOC-2280#B 3675 FOS functio At least once each week. The mission schedule mission test untest unthe EOC shall generate for critical verified activity lists, & deviation lists are nal verified represents a continuous each spacecraft a plan which encompasses equivalent to activities. Mode preliminary resource the preliminary resource transitions in activity definitions schedule that describes all schedule. +B: define resource usage. operations currently Enhanced functionality Preliminary resource schedules planned for the following provided. and activity schedules are target week. equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.

Table 1 - RbR Change Table: This table identifies modifications to existing EOC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database. EOC-2290#B FOS dem Whenever the ICCÍs mission functio dem un-The mission schedule Instrument resource profiles, un-3676 critical nal verified o verified instrument resource profile represents a continuous activity lists, & deviation lists are cannot be integrated into a plan which encompasses equivalent to activities. Mode preliminary resource schedule, the preliminary resource transitions in activity definitions the EOC shall provide the schedule. define resource usage. ICC with a notification that Preliminary resource schedules includes, at a minimum, an and activity schedules are identification of the conflicting equivalent to mission schedules; activities and the source of mission schedules are integrated conflict. schedules containing scheduled activities for a spacecraft & its instruments. Instrument resource profiles, EOC-2300#B 3677 The EOC shall build or update B: Enhanced mission FOS functio test test ununthe preliminary resource critical nal verified verified functionality provided. activity lists, & deviation lists are schedule based on the equivalent to activities. Mode following, at a minimum: transitions in activity definitions a. Existing preliminary define resource usage. resource schedules, if any Preliminary resource schedules b. Instrument resource profiles and activity schedules are c. Spacecraft subsystems equivalent to mission schedules; resource profile mission schedules are integrated d. Science guidelines schedules containing scheduled e. Spacecraft operations constraints activities for a spacecraft & its f. TDRSS schedule instruments. EOC-2310#B FOS The EOC shall build a 3678 B: Enhanced Instrument resource profiles, mission functio test untest unverified preliminary resource schedule functionality provided. critical nal activity lists, & deviation lists are verified by performing the following: equivalent to activities. Mode a. Integrating the spacecraft transitions in activity definitions subsystems resource profile define resource usage. and individual instrument Preliminary resource schedules resource profiles and activity schedules are b. Determining if required equivalent to mission schedules; resources, including SN mission schedules are integrated resources, are within limits c. Using guidelines established schedules containing scheduled by the LTSP activities for a spacecraft & its d. Resolving conflicts between instruments. the proposed activities

Table 1 - RbR Change Table: This table identifies modifications to existing EOC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database. EOC-2320#B 3679 mission FOS function inspection The preliminary uninspection un-The mission schedule Instrument resource verifie resource schedule shall critical al verified represents a continuous profiles, activity lists, & d include, at a minimum, plan which encompasses deviation lists are the preliminary resource the following: equivalent to activities. a. Activity or DAR schedule. ; B: Enhanced Mode transitions in identifiers functionality provided. activity definitions define b. Resource availability resource usage. and usage requirements Preliminary resource c. Time constraints and schedules and activity alternatives for planned schedules are equivalent activities d. TDRSS schedule to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments. EOC-2350#B FOS The EOC shall provide The mission schedule Instrument resource mission function demo undemo unthe preliminary resource 3680 critical al verifie represents a continuous profiles, activity lists, & verified schedule to the ICCs plan which encompasses d deviation lists are the preliminary resource upon generation. equivalent to activities. schedule. ; B: Enhanced Mode transitions in functionality provided. activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled

<u>activities for a spacecraft</u> & its instruments.

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Table 1 - RbR Change Table: This table identifies modifications to existing EOC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database.

Tabl	le 1 - RbR (Change	e Table: 1	nis tabi	e iaenuiies	mounic	anons to ex	usung E	OC requir	ements	in the RbR class as identified in t	ne 1/31 basenne version of the	e K i Wi database.
EOC	C-2430#B		mission	FOS	function	demo	un-	demo	<u>un-</u>		The EOC shall, in 95 percent of		<u>Instrument resource</u>
		3686	critical		al		verified		<u>verified</u>		all cases, generate a preliminary		profiles, activity lists, &
											resource schedule for one		deviation lists are
											spacecraft within 2 hours after all		equivalent to activities.
											required inputs are available.		Mode transitions in
													activity definitions define
													resource usage.
													Preliminary resource
													schedules and activity
													schedules are equivalent
													to mission schedules;
													mission schedules are
													integrated schedules
													containing scheduled
													activities for a spacecraft
													& its instruments.
EOC	C-2460#B		mission	FOS	function	test	un-	test	<u>un-</u>		The EOC shall be capable of	B: Enhanced functionality	<u>Instrument resource</u>
EOC	C-2460#B	3687	mission critical	FOS	function al	test	un- verified	test	un- verified		generating or updating a	B: Enhanced functionality provided.	Instrument resource profiles, activity lists, &
EOC	C-2460#B	3687		FOS		test		test			generating or updating a spacecraft subsystem activity list		Instrument resource profiles, activity lists, & deviation lists are
EOC	C-2460#B	3687		FOS		test		test			generating or updating a spacecraft subsystem activity list based on at a minimum the		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.
EOC	C-2460#B	3687		FOS		test		test			generating or updating a spacecraft subsystem activity list based on at a minimum the following:		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in
EOC	C-2460#B	3687		FOS		test		test			generating or updating a spacecraft subsystem activity list based on at a minimum the		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.
EOC	C-2460#B	3687		FOS		test		test			generating or updating a spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage.
EOC	C-2460#B	3687		FOS		test		test			generating or updating a spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource
EOC	C-2460#B	3687		FOS		test		test			generating or updating a spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem activities identified after the preliminary		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity
EOC	C-2460#B	3687		FOS		test		test			generating or updating a spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem activities identified after the preliminary resource schedule has been		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent
EOC	C-2460#B	3687		FOS		test		test			generating or updating a spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem activities identified after the preliminary resource schedule has been generated		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules;
EOC	C-2460#B	3687		FOS		test		test			generating or updating a spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem activities identified after the preliminary resource schedule has been generated d. Current predicted orbit data		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are
EOC	C-2460#B	3687		FOS		test		test			generating or updating a spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem activities identified after the preliminary resource schedule has been generated d. Current predicted orbit data and related information		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules
EOC	C-2460#B	3687		FOS		test		test			generating or updating a spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem activities identified after the preliminary resource schedule has been generated d. Current predicted orbit data and related information e. Responses to		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled
EOC	C-2460#B	3687		FOS		test		test			generating or updating a spacecraft subsystem activity list based on at a minimum the following: a. Existing detailed activity schedule b. Preliminary resource schedule c. Spacecraft subsystem activities identified after the preliminary resource schedule has been generated d. Current predicted orbit data and related information		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules

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Table 1 - RbR Change Table: This table identifies modifications to existing EOC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database.

_	Table I - RbR (_nange	e rabie: 1	ms tadi	e identifies	mounic	ations to ex	usung E	OC requir	ements	in the RbR class as identified in t	ne 1/31 basenne version of the	KIM database.
ĺ	EOC-2480#B		mission	FOS	function	demo	un-	demo	<u>un-</u>		The EOC shall accept from each	The mission schedule	<u>Instrument resource</u>
		3688	critical		al		verified		<u>verified</u>		ICC an instrument activity list or	represents a continuous plan	profiles, activity lists, &
											an instrument activity deviation	which encompasses activity	deviation lists are
											list (when an activity profile	deviations and BAPs. ;— <u>B:</u>	equivalent to activities.
											exists for the instrument) and any updates thereto.	Enhanced functionality	Mode transitions in
											updates thereto.	provided.	activity definitions define
													resource usage.
													Preliminary resource
													schedules and activity
													schedules are equivalent
													to mission schedules;
													mission schedules are
													integrated schedules
													containing scheduled
													activities for a spacecraft
													<u>& its instruments.</u>
ŀ	EOC-2482#B		mission	FOS	function	test	un-	test	un-		For the instruments that have	B: Enhanced functionality	<u>Instrument resource</u>
	EOC-2482#B	3689	mission critical	FOS	function al	test	un- verified	test	un- verified		instrument activity deviation lists,	3	Instrument resource profiles, activity lists, &
	EOC-2482#B	3689		FOS		test		test			instrument activity deviation lists, the EOC shall build the	3	Instrument resource profiles, activity lists, & deviation lists are
	EOC-2482#B	3689		FOS		test		test			instrument activity deviation lists, the EOC shall build the instrument activity lists by	3	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.
	EOC-2482#B	3689		FOS		test		test			instrument activity deviation lists, the EOC shall build the instrument activity lists by combining the instrument activity	3	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in
	EOC-2482#B	3689		FOS		test		test			instrument activity deviation lists, the EOC shall build the instrument activity lists by combining the instrument activity deviation lists with the respective	3	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.
	EOC-2482#B	3689		FOS		test		test			instrument activity deviation lists, the EOC shall build the instrument activity lists by combining the instrument activity	3	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage.
•	EOC-2482#B	3689		FOS		test		test			instrument activity deviation lists, the EOC shall build the instrument activity lists by combining the instrument activity deviation lists with the respective	3	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource
i	EOC-2482#B	3689		FOS		test		test			instrument activity deviation lists, the EOC shall build the instrument activity lists by combining the instrument activity deviation lists with the respective	3	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity
	EOC-2482#B	3689		FOS		test		test			instrument activity deviation lists, the EOC shall build the instrument activity lists by combining the instrument activity deviation lists with the respective	3	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent
	EOC-2482#B	3689		FOS		test		test			instrument activity deviation lists, the EOC shall build the instrument activity lists by combining the instrument activity deviation lists with the respective	3	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules;
	EOC-2482#B	3689		FOS		test		test			instrument activity deviation lists, the EOC shall build the instrument activity lists by combining the instrument activity deviation lists with the respective	3	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are
	EOC-2482#B	3689		FOS		test		test			instrument activity deviation lists, the EOC shall build the instrument activity lists by combining the instrument activity deviation lists with the respective	3	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules
	EOC-2482#B	3689		FOS		test		test			instrument activity deviation lists, the EOC shall build the instrument activity lists by combining the instrument activity deviation lists with the respective	3	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled
	EOC-2482#B	3689		FOS		test		test			instrument activity deviation lists, the EOC shall build the instrument activity lists by combining the instrument activity deviation lists with the respective	3	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules

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Table 1 - RbR Change Table: This table identifies modifications to existing EOC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database.

_	Table 1 - RbR (Jhange	e rabie: 1		e identifies	mounic	ations to ex	usung r	OC requir	ements	in the RbR class as identified in t	ite 1/31 baselille version of the	K I W database.
ſ	EOC-2490#B	3690	mission	FOS	function	test	un-	test	un-		For each day the EOC shall be		<u>Instrument resource</u>
			critical		al		verified		<u>verified</u>		capable of generating or updating		profiles, activity lists, &
											a detailed activity schedule for		deviation lists are
											each spacecraft and its instruments, nominally covering		equivalent to activities.
											the next 7 days.		Mode transitions in
											the next / days.		activity definitions define
													resource usage.
													Preliminary resource
													schedules and activity
													schedules are equivalent
													to mission schedules;
													mission schedules are
													integrated schedules
													containing scheduled
													activities for a spacecraft
L													<u>& its instruments.</u>
F	EOC-2510#B	3691	mission	FOS	function	test	un-	test	un-		The EOC shall generate a	The mission schedule	<u>Instrument resource</u>
ŀ	EOC-2510#B	3691	mission critical	FOS	function al	test	un- verified	test	un- verified		detailed activity schedule for the	represents a continuous plan	Instrument resource profiles, activity lists, &
-	EOC-2510#B	3691		FOS		test		test			detailed activity schedule for the spacecraft and its instruments by:	represents a continuous plan which encompasses the	Instrument resource profiles, activity lists, & deviation lists are
-	EOC-2510#B	3691		FOS		test		test			detailed activity schedule for the spacecraft and its instruments by: a. Integrating the spacecraft	represents a continuous plan which encompasses the generation of a detailed	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities.
	EOC-2510#B	3691		FOS		test		test			detailed activity schedule for the spacecraft and its instruments by: a. Integrating the spacecraft subsystem activity list and	represents a continuous plan which encompasses the	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in
	EOC-2510#B	3691		FOS		test		test			detailed activity schedule for the spacecraft and its instruments by: a. Integrating the spacecraft	represents a continuous plan which encompasses the generation of a detailed	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define
_	EOC-2510#B	3691		FOS		test		test			detailed activity schedule for the spacecraft and its instruments by: a. Integrating the spacecraft subsystem activity list and individual instrument activity lists	represents a continuous plan which encompasses the generation of a detailed	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage.
	EOC-2510#B	3691		FOS		test		test			detailed activity schedule for the spacecraft and its instruments by: a. Integrating the spacecraft subsystem activity list and individual instrument activity lists b. Determining if the aggregate resource requirements are within	represents a continuous plan which encompasses the generation of a detailed	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource
	EOC-2510#B	3691		FOS		test		test			detailed activity schedule for the spacecraft and its instruments by: a. Integrating the spacecraft subsystem activity list and individual instrument activity lists b. Determining if the aggregate resource requirements are within limits	represents a continuous plan which encompasses the generation of a detailed	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity
	EOC-2510#B	3691		FOS		test		test			detailed activity schedule for the spacecraft and its instruments by: a. Integrating the spacecraft subsystem activity list and individual instrument activity lists b. Determining if the aggregate resource requirements are within limits d. Ensuring that all the	represents a continuous plan which encompasses the generation of a detailed	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent
	EOC-2510#B	3691		FOS		test		test			detailed activity schedule for the spacecraft and its instruments by: a. Integrating the spacecraft subsystem activity list and individual instrument activity lists b. Determining if the aggregate resource requirements are within limits d. Ensuring that all the sequencing constraints among the	represents a continuous plan which encompasses the generation of a detailed	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules;
	EOC-2510#B	3691		FOS		test		test			detailed activity schedule for the spacecraft and its instruments by: a. Integrating the spacecraft subsystem activity list and individual instrument activity lists b. Determining if the aggregate resource requirements are within limits d. Ensuring that all the sequencing constraints among the proposed activities are respected	represents a continuous plan which encompasses the generation of a detailed	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are
	EOC-2510#B	3691		FOS		test		test			detailed activity schedule for the spacecraft and its instruments by: a. Integrating the spacecraft subsystem activity list and individual instrument activity lists b. Determining if the aggregate resource requirements are within limits d. Ensuring that all the sequencing constraints among the proposed activities are respected e. Scheduling the spacecraft	represents a continuous plan which encompasses the generation of a detailed	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules
	EOC-2510#B	3691		FOS		test		test			detailed activity schedule for the spacecraft and its instruments by: a. Integrating the spacecraft subsystem activity list and individual instrument activity lists b. Determining if the aggregate resource requirements are within limits d. Ensuring that all the sequencing constraints among the proposed activities are respected e. Scheduling the spacecraft recorder, direct downlink, and	represents a continuous plan which encompasses the generation of a detailed	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled
	EOC-2510#B	3691		FOS		test		test			detailed activity schedule for the spacecraft and its instruments by: a. Integrating the spacecraft subsystem activity list and individual instrument activity lists b. Determining if the aggregate resource requirements are within limits d. Ensuring that all the sequencing constraints among the proposed activities are respected e. Scheduling the spacecraft	represents a continuous plan which encompasses the generation of a detailed	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules

Table 1 - RbR Change Table: This table identifies modifications to existing EOC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database. EOC-2520#B FOS If additional TDRSS schedule mission function test untest Instrument resource profiles, un-3692 critical al verified needs are identified while verified activity lists, & deviation generating or updating a detailed lists are equivalent to activity schedule, the EOC shall activities. Mode transitions make a request to the NCC for in activity definitions define additional TDRSS services. resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments. EOC-2530#B mission **FOS** function test If the request to the NCC for Instrument resource profiles, untest un-3693 critical verified additional SN services is denied, al verified activity lists, & deviation the EOC shall regenerate or lists are equivalent to modify a detailed activity activities. Mode transitions schedule to account for the in activity definitions define TDRSS service availability resource usage. constraints. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments. EOC-2540#B FOS function The EOC shall notify the ICC of B: Enhanced functionality Instrument resource profiles, mission test untest un-3695 verified any instrument activities that provided. critical al verified activity lists, & deviation cannot be integrated into a lists are equivalent to detailed activity schedule. activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.

Table 1 - RbR Change Table: This table identifies modifications to existing EOC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database. EOC-2550#B 3696 mission FOS function test untest The detailed activity schedule Instrument resource profiles, uncritical al verified shall include, at a minimum, the verified activity lists, & deviation following: lists are equivalent to a. Instrument activities activities. Mode transitions b. Spacecraft activities necessary in activity definitions define to support all instrument activities resource usage. Preliminary c. Spacecraft activities necessary resource schedules and for the spacecraft subsystem activity schedules are maintenance equivalent to mission d. Spacecraft resource schedules; mission schedules requirements for each activity e. Traceability of instrument are integrated schedules activities to DARs containing scheduled activities for a spacecraft & its instruments. EOC-2570#B mission FOS function test In support of a TOO observation Instrument resource profiles, untest un-3699 critical verified or late change, the EOC shall verified activity lists, & deviation update the detailed activity lists are equivalent to schedule within 1 hour after activities. Mode transitions receipt of the update to the in activity definitions define corresponding instrument resource usage. Preliminary activity list or the instrument resource schedules and activity deviation list (when an activity schedules are activity profile exists for the equivalent to mission instrument), if the update does schedules; mission schedules not affect existing detailed activity schedule events or create are integrated schedules new conflicts. containing scheduled activities for a spacecraft & its instruments. EOC-2590#B FOS function In support of a TOO observation Instrument resource profiles, mission test ııntest un-3700 verified or a late change, the EOC shall critical al verified activity lists, & deviation update the detailed activity lists are equivalent to schedule within 10 hours after the activities. Mode transitions receipt of the update of the in activity definitions define corresponding instrument resource usage. Preliminary activity list (or instrument activity resource schedules and deviation list), if the update activity schedules are affects existing detailed activity equivalent to mission schedule events or creates new schedules; mission schedules conflicts. are integrated schedules containing scheduled activities for a spacecraft & its instruments.

Table 1 - RbR Change Table: This table identifies modifications to existing EOC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database. EOC-2620#B 3701 mission FOS function The EOC shall provide the ICC test untest The mission schedule <u>Instrument resource</u> unwith the detailed activity critical al verified verified represents a continuous profiles, activity lists, & schedule and any updates upon plan which encompasses deviation lists are the generation of a generation. equivalent to activities. detailed activity schedule. Mode transitions in ;-B:_Enhanced activity definitions define functionality provided. resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments. EOC-2630#B FOS The EOC shall, in 95 percent of Instrument resource mission function analys unanalys un-3702 all cases, generate a detailed critical al is verified is profiles, activity lists, & verified activity schedule for the deviation lists are spacecraft within 2 hours after all equivalent to activities. required inputs are available. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.

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Table 2 - RbR Change Table: This table identifies modifications to existing ICC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database.

Table 2 - RbR	unange	: Table: 11	nis tadio	e iaentiiies	moaine	ations to ex	xisting 1	.CC requir		in the RbR class as identified in the	ie 7/31 baseline version of t	ne K i Mi database.
RBR_id	req_	req_cate	segm	req_type	s_veri	s_verif_s		a_verif_	CCR	text	interpretation text	clarification text
	key	gory	ent		f_met	tat	f_met	stat				
					hod		hod					
ICC-2140#B	4085	mission	FOS	function	test	un-	test	<u>un-</u>		At least once each week, the ICC	The mission schedule	<u>Instrument resource</u>
		critical		al		verified		<u>verified</u>		shall build an instrument	represents a continuous	profiles, activity lists, &
										resource profile or an instrument	plan that encompasses	deviation lists are
										resource deviation list (when a	instrument resource	equivalent to activities.
										baseline resource profile exists	profiles and deviations;	Mode transitions in
										for the instrument), which includes a description of	Enhanced functionality provided.	activity definitions define
										instrument operations currently	provided.	resource usage.
										planned for the target week.		Preliminary resource
										Francisco con con series		schedules and activity
												schedules are equivalent
												to mission schedules;
												mission schedules are
												integrated schedules
												containing scheduled
												activities for a spacecraft
												<u>& its instruments.</u>
ICC-2150#B		mission	FOS	function	test	un-	test	<u>un-</u>		The ICC shall accept from the	B: Enhanced functionality	Instrument resource
	4086	critical		al		verified		<u>verified</u>		EOC a notification of rejection of	provided.	profiles, activity lists, &
										its instrument activities proposed		deviation lists are
										in the instrument resource profile		equivalent to activities.
										or instrument resource deviation list.		Mode transitions in
										list.		activity definitions define
												resource usage.
												Preliminary resource
												schedules and activity
												schedules are equivalent
												to mission schedules;
												mission schedules are
												integrated schedules
												containing scheduled
												activities for a spacecraft
												<u>& its instruments.</u>

Table 2 - RbR Change Table: This table identifies modifications to existing ICC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database. ICC-2170#B mission FOS function The GSFC ICC architecture shall un-<u>Instrument resource</u> un-6115 be capable of growing to support critical al verified <u>verified</u> profiles, activity lists, & additional instruments without deviation lists are major redesign. equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments. ICC-2180#B FOS The ICC shall accept from the Instrument resource mission function dem undemo un-4087 IST information regarding the essential al verified profiles, activity lists, & verified resolution of conflicts deviation lists are encountered while building or equivalent to activities. updating an instrument resource Mode transitions in profile or instrument resource activity definitions define deviation list. resource usage.

Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.

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Table 2 - RbR Change Table: This table identifies modifications to existing ICC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database.

	Table 2 - RbR (<u> Change</u>	Table: T	nis table	<u>e identifies</u>	<u>moa</u> iri	<u>cations</u> to e	existing 1	.CC requir	<u>ement</u>	s in the RbR class as identified in tl	ie //31 baseime version of t	ne K i wi database.
I	ICC-2190#B		mission	FOS	function	test	un-	test	un-		The ICC shall build or update its	B: Enhanced functionality	Instrument resource
		6170	critical		al		verified		verified		instrument resource profile, or	provided.	profiles, activity lists, &
											when a resource profile exists, its		deviation lists are
											instrument resource deviation list,		equivalent to activities.
											based, at a minimum, on the		Mode transitions in
											following:		activity definitions define
											a. PI/TL provided instrument		resource usage.
											deviation requests b. LTSP and LTIP		Preliminary resource
											c. Current resource availability		schedules and activity
											d. Current predicted orbit data and		schedules are equivalent
											related information		to mission schedules;
											e. Rejection notification from the		mission schedules are
											EOC of activities that can not be		integrated schedules
											accommodated in the preliminary		containing scheduled
											resource		activities for a spacecraft
											schedule		& its instruments.
											f. Existing preliminary resource		
-	TGG 2210 UD			700							schedule		
	ICC-2210#B	6172	mission critical	FOS	function	test	un- verified	test	<u>un-</u>		The ICC shall ensure that its		<u>Instrument resource</u>
		01/2	critical		al		vermeu		<u>verified</u>		instrument resource profile contains no internal conflicts.		profiles, activity lists, &
											contains no internal conflicts.		deviation lists are
													equivalent to activities.
													Mode transitions in
													activity definitions define
													resource usage.
													Preliminary resource
													schedules and activity
													schedules are equivalent
													to mission schedules;
													mission schedules are
													integrated schedules
													containing scheduled
													activities for a spacecraft
													& its instruments.

Table 2 - RbR Change Table: This table identifies modifications to existing ICC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database. ICC-2220#B FOS function demo The ICC shall be able to B: Enhanced mission undemo un-Instrument resource profiles, 4422 critical al verified generate the instrument functionality provided. activity lists, & deviation lists verified resource profile in both machine are equivalent to activities. usable and human readable Mode transitions in activity forms. definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments. When generated, the ICC shall ICC-2230#B mission FOS function demo undemo Instrument resource profiles, un-4423 verified provide the EOC with its critical al verified activity lists, & deviation lists instrument resource profile are equivalent to activities. or, when a resource profile Mode transitions in activity exists, an instrument resource definitions define resource deviation list. usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments. ICC-2250#B Instrument resource profiles, mission **FOS** function test The ICC shall accept the untest un-4424 verified preliminary resource schedule critical al activity lists, & deviation lists verified from the EOC. are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.

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Table 2 - RhR Change Table: This table identific

Table 2 - RbR	Change	Table: T	his tabl	e identifies	modific	ations to ex	xisting l	ICC requir	ement	ts in the RbR class as identified in	the 7/31 baseline version	of the RTM database.
Table 2 - RbR (ICC-2270#B	Change 4425	mission critical	FOS	e identifies function al	modific test	ations to ex un- verified	test	un- verified	ement	ts in the RbR class as identified in For each day the ICC shall be capable of generating or updating, an instrument activity list or an instrument activity deviation list (when an activity profile exists for the instrument) nominally covering the next 7 days.	B: Enhanced functionality provided.	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage.Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
ICC-2280#B	6174	mission critical	FOS	function	test	un- verified	test	un- verified		The ICC shall generate or update the instrument activity list, or when a baseline activity profile exists, the instrument activity deviation list, based, at a minimum, on the following: a. PI/TL provided instrument deviation requests. b. LTSP and LTIP c. Preliminary resource schedule d. Current resource availability information e. Current predicted orbit data and related information f. Responses to contingency/emergency conditions g. Rejection notification from the EOC of the activities that cannot be accommodated in the detailed activity schedule	B: Enhanced functionality provided.	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.

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Table 2 - RbR Change Table: This table identifies modifications to existing ICC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database.

Table 2 - RbR	Change	Table: T	his tabl	e identifies	modific	ations to ex	kisting I	ICC require	ment	ts in the RbR class as identified in	the 7/31 baseline version	of the RTM database.
ICC-2290#B		mission	FOS	function	test	un-	test	un-		The ICC shall generate the	B: Enhanced	Instrument resource profiles,
	6176	critical		al		verified		<u>verified</u>		instrument activity list or the	functionality provided.	activity lists, & deviation lists
										instrument activity		are equivalent to activities.
										deviation list (when an activity		Mode transitions in activity
										profile exists for the instrument)		definitions define resource
										in both machine-		usage. Preliminary resource
										usable and human-readable		schedules and activity
										forms, to describe for each		schedules are equivalent to
										activity, at a minimum, as many of the following that		mission schedules; mission
										apply:		schedules are integrated
										a. Activity identifier including		schedules containing
										traceability to PI/TL provided		scheduled activities for a
										deviation requests.		spacecraft & its instruments.
										b. Objectives		spacecrart & its instruments.
										c. Resource requirements		
										d. Start time constraints and		
										duration		
										e. Instrument modes as a		
										function of time		
										f. Pointing angles and field of		
										view (FOV)		
										g. Specified tolerance limits		
										h. Disturbances caused for each instrument mode		
ICC-2350#B		mission	FOS	function	analys	un-	analy	un-		In support of a TOO observation		Instrument resource profiles,
ICC-2550#B	4429	critical	ros	al	is	verified	sis	verified		or a late change, the ICC shall		activity lists, & deviation lists
	4427	Citticai		ai	15	vermeu	515	vermed		update the instrument activity		
										list or the instrument activity		are equivalent to activities.
										deviation list (when an activity		Mode transitions in activity
										profile exists for the instrument)		<u>definitions define resource</u>
										within 8 hours, if the		usage. Preliminary resource
										corresponding observation or		schedules and activity
										the late change affects existing		schedules are equivalent to
										instrument activities or creates		mission schedules; mission
										new conflicts.		schedules are integrated
												schedules containing
												scheduled activities for a
												spacecraft & its instruments.

Table 2 - RbR Change Table: This table identifies modifications to existing ICC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database. ICC-2370#B FOS In support of a TOO observation, mission function test untest un-Instrument resource profiles, the ICC shall update the 4430 critical al verified activity lists, & deviation lists are verified instrument activity list or the equivalent to activities. Mode instrument activity deviation list transitions in activity definitions (when an activity profile exists define resource usage. Preliminary for the instrument) within 30 resource schedules and activity minutes, if the corresponding schedules are equivalent to mission observation or the late change schedules; mission schedules are does not affect existing integrated schedules containing instrument activities or create scheduled activities for a spacecraft new conflicts. & its instruments. ICC-2380#B FOS function Instrument resource profiles, mission test test In support of a late change, the unun-4431 ICC shall be capable of updating critical al verified activity lists, & deviation lists are verified the instrument activity list within equivalent to activities. Mode 75 minutes, if the request for transitions in activity definitions instrument support activity does define resource usage. not affect existing instrument Preliminary resource schedules and activity list events or create new activity schedules are equivalent to conflicts. mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments. ICC-2390#B The ICC shall provide the EOC FOS Instrument resource profiles, mission function test untest un-4432 critical verified with the instrument activity list activity lists, & deviation lists are al verified

or instrument

instrument) and any

activity deviation list (when an

updates thereto, when generated.

activity profile exists for the

equivalent to activities. Mode

transitions in activity definitions

resource schedules and activity

& its instruments.

define resource usage. Preliminary

schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft

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Table 2 - RbR Change Table: This table identifies modifications to existing ICC requirements in the RbR class as identified in the 7/31 baseline version of the RTM database.

Table 2 - RbR	R Chang	ge Table: 🛭	l'his tat	ole identific	es mod	lifications	to exi	isting ICC	requ	irements in the RbR class as identi	fied in the 7/31 baseline v	ersion of the RTM database.
Table 2 - RbR	4433	mission critical	FOS	function al	test	un- verified	test	sting ICC un- verified	requ	The ICC shall have the capability to update the instrument activity list or instrument activity deviation list (when an activity profile exists for the instrument) in response to instrument malfunctions or other special events that affect the continuation of the existing schedule.	fied in the 7/31 baseline v	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
ICC-2420#B	4435	mission essential	FOS	function al	test	un- verified	test	un- verified		The ICC shall send to the IST the generated instrument activity list (or instrument activity deviation list) to be reviewed and/or approved by the PI/TL.		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
ICC-2430#B	4436	mission essential	FOS	function al	test	un- verified	test	un- verified		The ICC shall notify the PI/TL at the IST of any problems encountered while building or updating its instrument activity list (or instrument activity deviation list).		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.

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Table 2 - RbR Change Table: This table ide

Table 2 - RbR	Chang	ge Table:	Γhis tal	ole identific	es mod	lifications	to ex	isting ICC	requi	rements in the RbR class as identi	fied in the 7/31 baseline	version of the RTM database.
ICC-2450#B	4437	mission essential	FOS	function al	test	un- verified	test	un- verified		The ICC shall accept from the IST notification of problem resolution regarding the instrument activity list (or the instrument activity deviation list).		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
ICC-7214#B	4859	mission essential	FOS	function al	test	un- verified	test	un- verified		The IST shall interface with the ICC to receive notification of request for instrument support activity receipt.	B: Enhanced functionality provided. Timeline display of scheduled activities.	
ICC-7220#B	4860	mission essential	FOS	function al	test	un- verified	test	un- verified		The IST shall have the capability to request and accept from the ICC planning and scheduling information, which includes, at a minimum, the following: a. LTSP and LTIP goals and priorities b. Current resource availability information c. Current predicted orbit data and related information d. Plans and schedules	B: Enhanced functionality provided.	Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
ICC-7460#B	4901	mission essential	FOS	function al	test	un- verified	test	un- verified		The IST shall provide the capability to display and process the raw or engineering unit converted instrument engineering data.		Engineering data embedded in the HK stream only.

Table 3 - RbR Change Table: This table identifies modifications to existing EOSD requirements in the RbR class as identified in the 7/31 baseline version of the RTM database.

RBR_id	req_	req_categ	segmen	req_type	s_veri	s_verif	a_ve	a_verif_	CCR	text	interpretation text	clarification text
	key	ory	t		f_met hod	_stat	rif_ meth od	stat				
EOSD0502#B	3832	mission essential	FOS SDPS	function al	demo	un- verified	dem o	un- verified		ECS shall provide an integrated set of toolkits consisting of software tools for each ECS element.	IST toolkit delivery does not include source code. B: Format/Conversion tools. Toolkits applicable to FOS.	
EOSD1010#B	3848	mission critical	FOS SDPS CSMS	performa nce	test	un- verified	test	un- verified		ECS shall support daily data volume, processing load, storage volume, instrument support, and data traffic as derivable from and specified in Appendix C and D.	FOS applicability: instrument support only. The FOS/EOC requirement is met through the use of CSMS services.	
EOSD1770#B	3879	mission essential	FOS SDPS CSMS	interface	test	un- verified	test	un- verified		ECS elements shall exchange the following types of data at a minimum with the IPs: a. Instrument command loads b. Science data c. Planning and scheduling data d. Directories e. Product Orders	Planning and scheduling data includes instrument stored commands. B: Full implementation for ASTER. NOTE: ASTER GDS/SDPS interfaces at EDC DAAC only.	
EOSD1990#B	3880	mission essential	FOS SDPS CSMS	security	analys is	un- verified	anal ysis	un- verified		The ECS system and elements shall employ security measures and techniques for all applicable security disciplines which are identified in the preceding documents. These documents shall provide the basis for the ECS security policy.	The FOS/EOC requirement is met through the use of CSMS services.	

Table 3 - RbR Change Table: This table identifies modifications to existing EOSD requirements in the RbR class as identified in the 7/31 baseline version of the RTM database.

Table 3 - KbK	Change	rable, III	s table lu	enumes mo	umcano	ns to exis	ung EC	iso requir	ements	in the RDR class as identified in	the 7/51 baseine version of th	e KTM uatabase.
EOSD2510#B		mission	FOS	security	demo	un-	dem	un-		ECS elements shall maintain an	The FOS/EOC requirement	
	3887	critical	SDPS			verified	О	<u>verified</u>		audit trail of:	is met through the use of	
			CSMS							a. All accesses to the element	CSMS services.	
										security controlled data		
										b. Users/processes/elements		
										requesting access to element		
										security controlled data		
										c. Data access/manipulation		
										operations performed on		
										security controlled data		
										d. Date and time of access to		
										security controlled data		
										e. Unsuccessful access attempt		
										to the element security		
										controlled data by unauthorized		
										users/elements/processes		
										f. Detected computer system		
										viruses and worms		
										g. Actions taken to contain or		
										destroy a virus		
EOSD2550#B		mission	FOS	security	test	un-	test	<u>un-</u>		The ECS elements shall limit	The FOS/EOC requirement	
	3888	critical	SDPS			verified		<u>verified</u>		use of master passwords or use	is met through the use of	
			CSMS							of a single	CSMS services.	
										password for large organizations		
										requiring access to a mix of		
										security controlled		
										and non-sensitive data.		
EOSD2660#B		mission	FOS	security	demo	un-	dem	<u>un-</u>		ECS elements shall at all times	The FOS/EOC requirement	
	3893	essential	SDPS			verified	О	<u>verified</u>		maintain and comply with the	is met through the use of	
			CSMS							security directives	CSMS services.	
										issued by the SMC.	-	
EOSD2710#B		mission	FOS	security	demo	un-	dem	<u>un-</u>		ECS elements shall report all	The FOS/EOC requirement	
	3894	essential	SDPS			verified	О	verified		detected computer viruses and	is met through the use of	
			CSMS							actions taken to the	CSMS services.	
										SMC.		
EOSD2990#B		mission	FOS	security	demo	un-	dem	un-		The ECS elements shall support	The FOS/EOC requirement	
	3895	critical	SDPS			verified	О	<u>verified</u>		the recovery from a system	is met through the use of	
			CSMS							failure due to a loss	CSMS services.	
										in the integrity of the ECS data		
										or a catastrophic violation of the	B: <u>A</u> all DAACs.	
										security system.	D. <u>1.</u> mi Di ii 100.	

Table 3 - RbR Change Table: This table identifies modifications to existing EOSD requirements in the RbR class as identified in the 7/31 baseline version of the RTM database.

EOSD3000#B	3896	mission critical	FOS SDPS CSMS	security	demo	un- verified	demo	un- verified	The ECS shall provide for security safeguards to cover unscheduled system shutdown (aborts) and subsequent restarts, as well as for scheduled system shutdown and operational startup.	The FOS/EOC requirement is met through the use of CSMS services. Efor each DAAC as applicable to DAAC activation.	
EOSD3490#B	3899	mission fulfillmen t	SDPS CSMS FOS	RMA	demo	un- verified	demo	un- verified	Reliability statistics for ECS shall be collected and monitored using the Mean Time Between Maintenance (MTBM) for each component and operational	The FOS/EOC requirement is met through the use of CSMS services. B: Aall DAACs.	

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Table 4 - RbR Change Table: This table identifies modifications to existing ASTER requirements in the RbR class as identified in the 7/31 baseline version of the RTM database.

	inge Ta	ble: This	table ide	ntifies mod	_			_		the RBR class as identified i		ersion of the RTM database.
RBR_id	req_ key	req_cate gory	segme nt	req_type	s_verif _metho d	s_verif _stat	a_veri f_met hod	a_verif_ stat	CCR	text	interpretation text	clarification text
ASTER-0210#B	92	TBD mission essential	FOS	interface	TBD test	un- verified	test	un- verified		ASTER GDS shall have the capability to send and ECS shall have the capability to receive ASTER instrument resource profiles and instrument resource deviation lists (when a resource profile exists).		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
ASTER-0220#B	94	TBD mission essential	FOS	interface	TBD test	un- verified	<u>test</u>	<u>un-</u> verified		ECS shall have the capability to send and ASTER GDS shall have the capability to receive a notification when ASTER instrument resource profile information cannot be integrated into the preliminary resource schedule.		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.
ASTER-0230#B	5654	TBD mission essential	FOS	interface	TBD test	un- verified	test	un- verified		ECS shall have the capability to send and ASTER GDS shall have the capability to receive a preliminary resource schedule. The preliminary resource schedule shall include, at a minimum, the following: a. Activity and DAR identifiers b. Resource availability and usage requirements c. Time constraints d. TDRSS schedule		Instrument resource profiles, activity lists, & deviation lists are equivalent to activities. Mode transitions in activity definitions define resource usage. Preliminary resource schedules and activity schedules are equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments.

Table 4 - RbR Change Table: This table identifies modifications to existing ASTER requirements in the RbR class as identified in the 7/31 baseline version of the RTM database. ASTER-0240#B TBD FOS interface TBD ASTER GDS shall have the un-Instrument resource profiles, activity test un-5656 mission test verified capability to send and ECS shall lists, & deviation lists are equivalent verified have the capability to receive essential to activities. Mode transitions in instrument activity lists and activity definitions define resource instrument activity deviation usage. Preliminary resource lists (when an activity list schedules and activity schedules are exists) and any updates thereto. equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments. ASTER-0250#B TBD FOS Instrument resource profiles, activity interface **TBD** ECS shall have the capability to untest un-5658 mission verified send and ASTER GDS shall lists, & deviation lists are equivalent test verified have the capability to receive a essential to activities. Mode transitions in notification when the ASTER activity definitions define resource instrument activities usage. Preliminary resource cannot be integrated into the schedules and activity schedules are detailed activity schedule. equivalent to mission schedules; mission schedules are integrated schedules containing scheduled activities for a spacecraft & its instruments. ASTER-0260#B TBD FOS TBD ECS shall have the capability to <u>Instrument resource profiles, activity</u> interface untest un-5661 mission verified send and ASTER GDS shall lists, & deviation lists are equivalent test verified have the capability to receive essential to activities. Mode transitions in detailed activity schedules and activity definitions define resource any updates. The detailed usage. Preliminary resource activity schedule shall include, schedules and activity schedules are at a minimum, the following: equivalent to mission schedules; a. Instrument activities mission schedules are integrated b. Spacecraft activities schedules containing scheduled necessary to support all activities for a spacecraft & its instrument activities c. All spacecraft activities instruments. necessary for spacecraft subsystem maintenance d. Spacecraft resource requirements for each activity e. Traceability of instrument activities to DARs

			T							RbR class as identified in the 7/31 baseline version of		
RBR_id	req_k ey	req_cate gory	segme nt	req_type	s_ver if_me thod		a_ve rif_ met hod	a_verif _stat	CCR	text	interpretation text	clarification text
NI-0150 -a #B	2052	TBD mission essential	FOS	interface	TBD test	un- verifie d	test	un- verified		ECS shall have the capability to send other non-telemetry data messages to the NCC, which includes at a minimum status and reconfiguration messages. These messages will be defined in the ICD Between the GSFC MOCs and the NCCDS. (Partial Implementation for Release A)		
NI-0310 -a #B	6387	mission essential	FOS CSMS	interface	test	un- verifie d	test	un- verified		ECS shall have the capability to communicate with the FDF via the EBnet interface (FOS and CSMS only).		
NI-0330#B	2070	TBD mission essential	FOS	interface	TBD test	un- verifie d	test	un- verified		ECS shall have the capability to send a subset of EOS spacecraft telemetry stream to the FDF, which includes the following: a. Attitude sensor data b. Navigation telemetry data c. Spacecraft maneuver telemetry data Mission-specific requirements for FDF support of EOS missions will be documented in the EOS mission-level Detailed Mission Requirements documents and FDF-developed ICDs.	AM-1 mission only.	
NI-0350#B	2074	TBD mission essential	FOS	interface	TBD test	un- verifie d	<u>test</u>	un- verified		ECS shall have the capability to receive parameters necessary for spacecraft command data generation from the FDF, including the following: a. Navigational operations parameters b. Spacecraft maneuver parameters Mission-specific requirements for FDF support of EOS missions will be documented in the EOS mission-level Detailed Mission Requirements documents and FDF-developed ICDs.	AM-1 mission only.	

Table 6 - RbR Deletion Table: This table identifies existing NI requirements in the RbR class as identified in the 7/31 baseline version of the RTM database which are to be deleted.

RBR_id	req_k	req_cat	segme	req_typ	s_verif	s_verif_sta	a_ver	a_veri	CCR	text	interpretation	clarification
	ey	egory	nt	e	_meth od	t	if_me thod	f_stat			text	text
NI-0150-b #B	-2053	TBD test	FOS	interfac e	TBD test	un-verified	test	un- verifie d		ECS shall have the capability to send other non-telemetry data messages to the NCC, which includes at a minimum status and reconfiguration messages. These messages will be defined in the ICD Between the GSFC MOCs and the NCCDS. (Full Implementation for Release B)		
NI-0310-b #B	3385	TBD test	FOS SDPS CSMS	interfac e	TBD test	un-verified	<u>test</u>	un- verifie d		ECS shall have the capability to communicate with the FDF via the Ecom interface (FOS, SDPS, CSMS)		
NI-0340-a#B	2072	TBD	FOS	interfac e	TBD	un-verified				ECS shall have the capability to receive planning and scheduling information for the EOS spacecraft and instruments from the FDF (FDF institutional products only). Mission-specific requirements for FDF support of EOS missions will be documented in the EOS mission-level Detailed Mission Requirements documents and FDF-developed ICDs.		

Table 7 - Link Addition Table

RBR_id	Level 4_id
NI-0310#B	F-FOS-00320